

Reference guide (SENA 1)

Numeral identification (Tasks 1 – 18) [+ extra numeral cards to determine Level 4]

Emergent (Level 0)	1-10 (Level 1)	1-20 (Level 2)	1-100 (Level 3)	1-1000 (Level 4)
Does not recognise all numbers 1-10	Recognises numerals 1-10	Recognises numerals 1-20	Recognises numerals to 100	*Not in SENA 1 materials. Use some numeral cards from SENA 2 if needed.

Forward number word sequences FNWS (Tasks 19-29)

Emergent (Level 0)	Initial (10) (Level 1)	Intermediate (10) (Level 2)	Facile (10) (Level 3)	Facile (30) (Level 4)	Facile (100) (Level 5)
Cannot count to 10	Can count to 10 but cannot give number after	Can count to 10 and give number after, but counts from one	Can count to 10 and give number after	As with Facile (10) but with numbers up to 30	As with Facile (10) but with numbers up to 100

Backward number word sequences BNWS (Tasks 30-40)

Emergent (Level 0)	Initial (10) (Level 1)	Intermediate (10) (Level 2)	Facile (10) (Level 3)	Facile (30) (Level 4)	Facile (100) (Level 5)
Cannot count backwards from 10	Can count backwards from 10 but cannot give number before	Can count backwards from 10 and give number before, but counts from one	Can count backward from 10 and give number before	As with Facile (10) but with numbers up to 30	As with Facile (10) but with numbers up to 100

Subitising (Tasks 41-46)

Emergent	Perceptual	Conceptual
May be able to recognise dot patterns for very small numbers, say 2. Needs to count the dot pattern by ones for larger numbers	Students can instantly recognise dice patterns in questions 40-44	Student is able to see the eight-dot & nine-dot domino pattern as both two groups and as "a whole"

Early arithmetic strategies EAS (Tasks 47-55)

Emergent (Stage 0)	Perceptual (Stage 1)	Figurative (Stage 2)	Counting On (Stage 3)	Facile (Stage 4)
Unable to coordinate number words with items when counting	Needs to see, touch or hear items to work out answer. Counts from one	Can complete concealed items tasks but counts from one	Uses larger number and counts on to find the answer	Uses known facts and other non-count-by-one strategies (e.g. doubles, partitioning) to solve problems